



Safety Update

Navy/Marine Corps Air Traffic Control Managers Conference

16 April 2008

RADM A. J. Johnson
Commander, Naval Safety Center

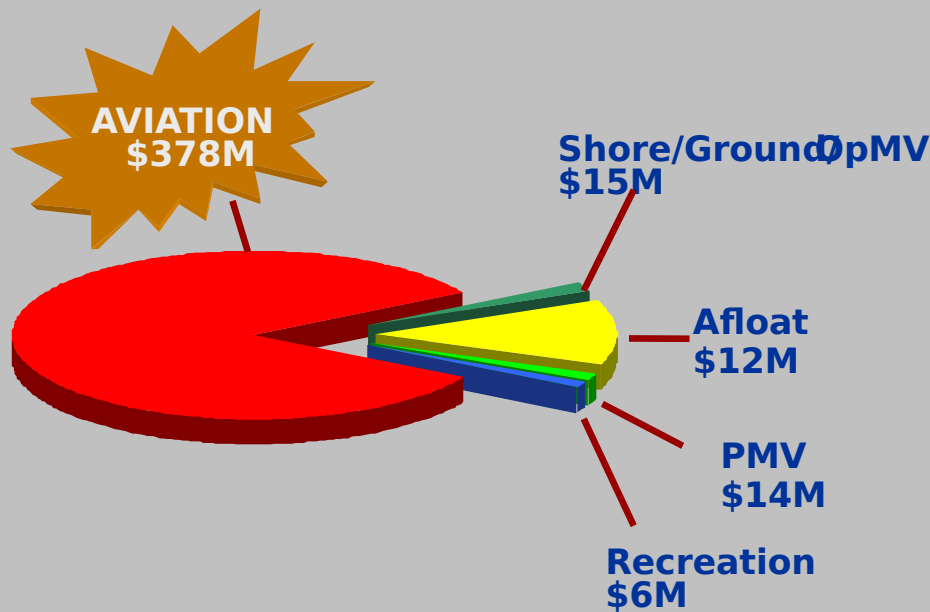
Agenda

- Navy/Marine Corps Mishap Trends
- ORM Review
- Issues
- Fleet Feedback

FY07 Total Cost and Deaths

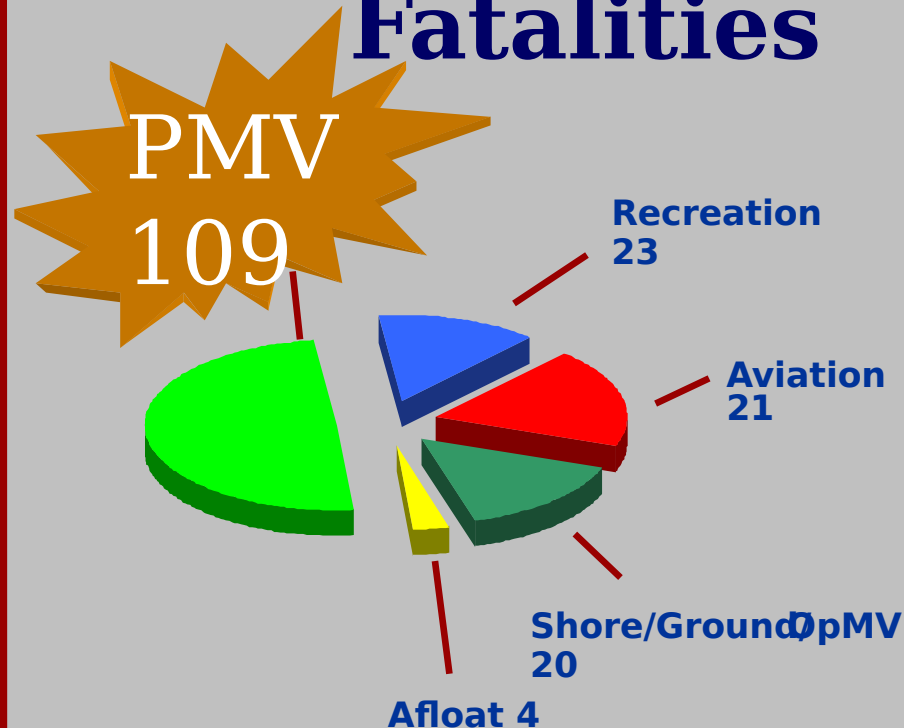
Navy and Marine Corps

Cost



Total Cost: \$424M

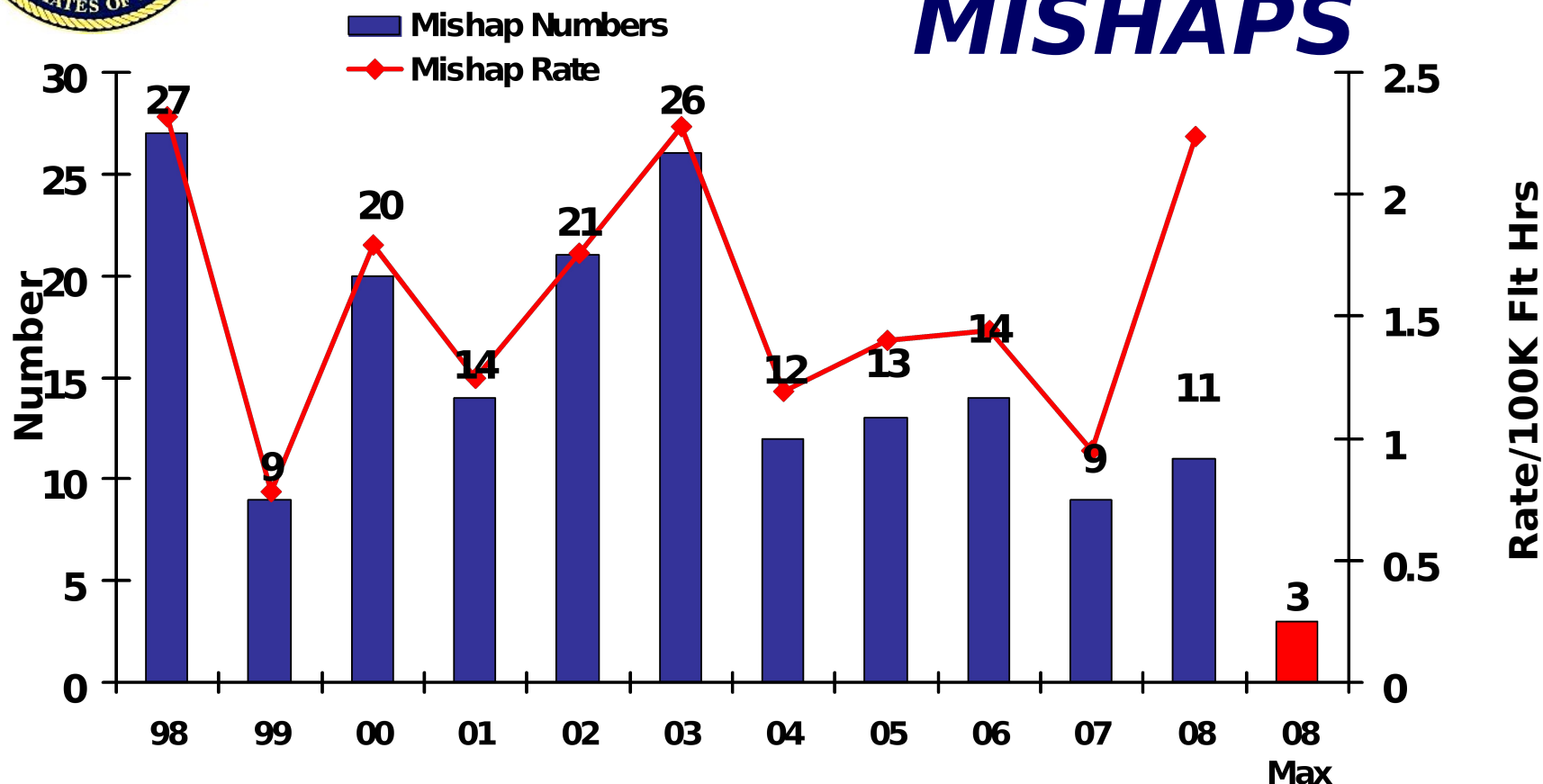
Fatalities



Total Fatalities: 177



CLASS A FLIGHT MISHAPS



0 Class A Flight Mishap during this reporting period **12 Apr**
- 18 Apr **15 Apr 08** **15**

Apr 07

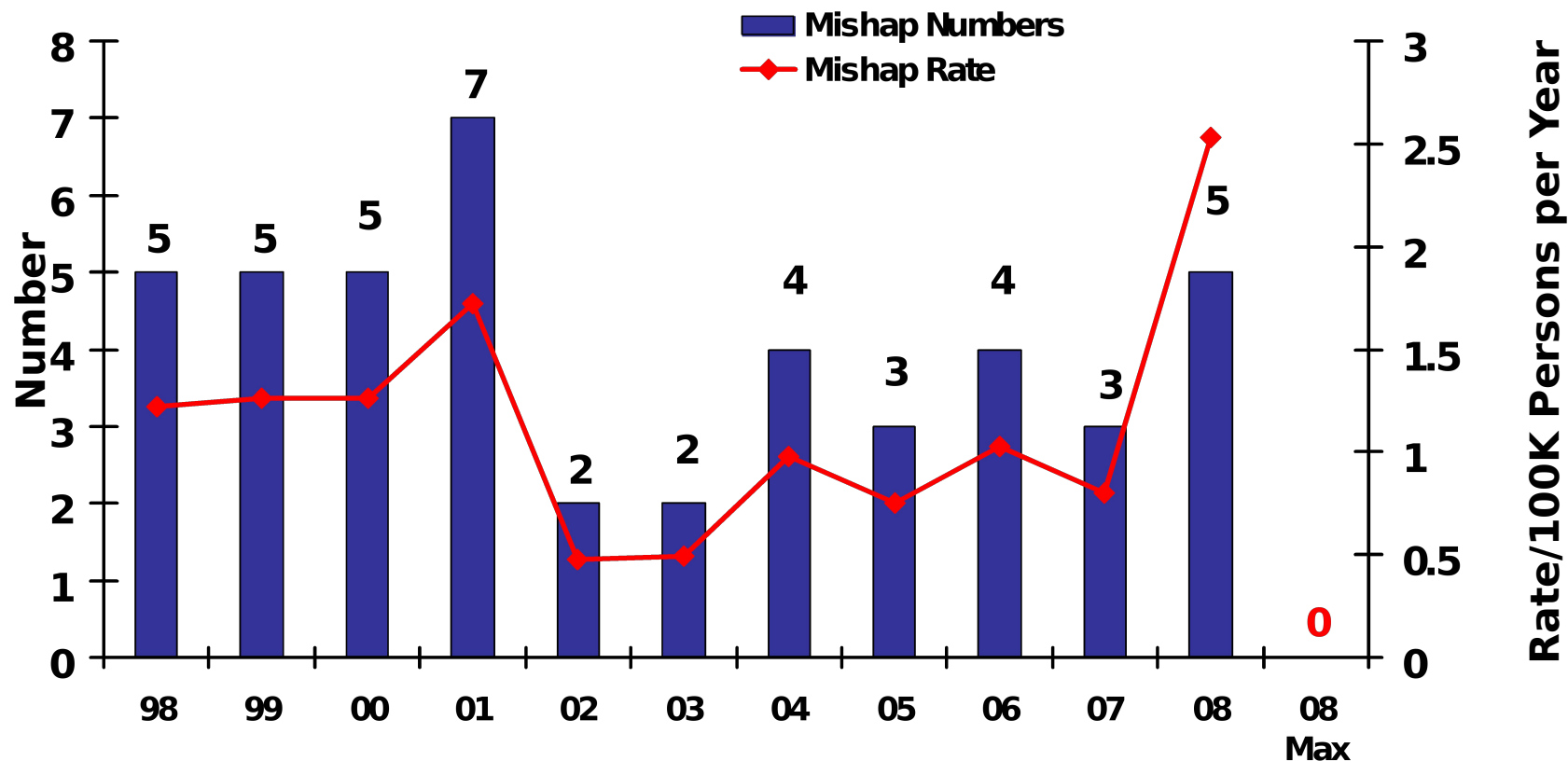
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: **11 / 2.24** **1 /**
0.21

FY07 MISHAPS/MISHAP RATE: **9 / 0.95**

10 YEAR AVERAGE (FY08-07) MISHAPS/MISHAP RATE: **16.5 / 1.54**



CLASS A SHORE OPERATIONAL MISHAPS



0 Class A Shore Operational Mishaps during this reporting period 12
Apr 07 - 18 Apr 08

CLASS A MISHAPS/MISHAP RATE FY COMPARISON: 5 / 2.53
2 / 0.98

FY07 MISHAPS/MISHAP RATE: 3 / 0.8

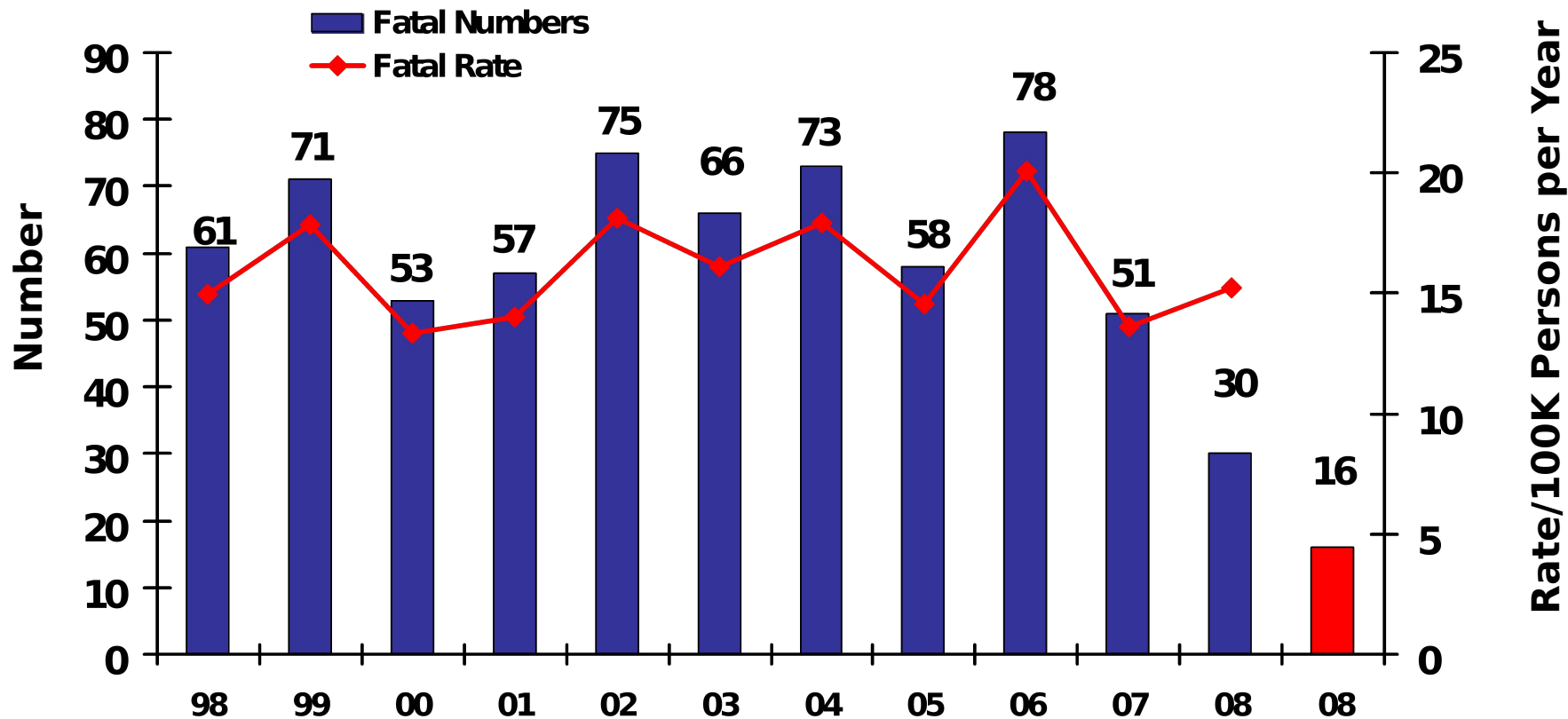
10-YEAR AVERAGE (FY98-07) MISHAPS/MISHAP RATE: 4 / 1.00

Viewmaster





PMV FATALITIES



0 PMV Fatality during this reporting period 12 Apr 08

Apr 07

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 30 / 15.20 25 /

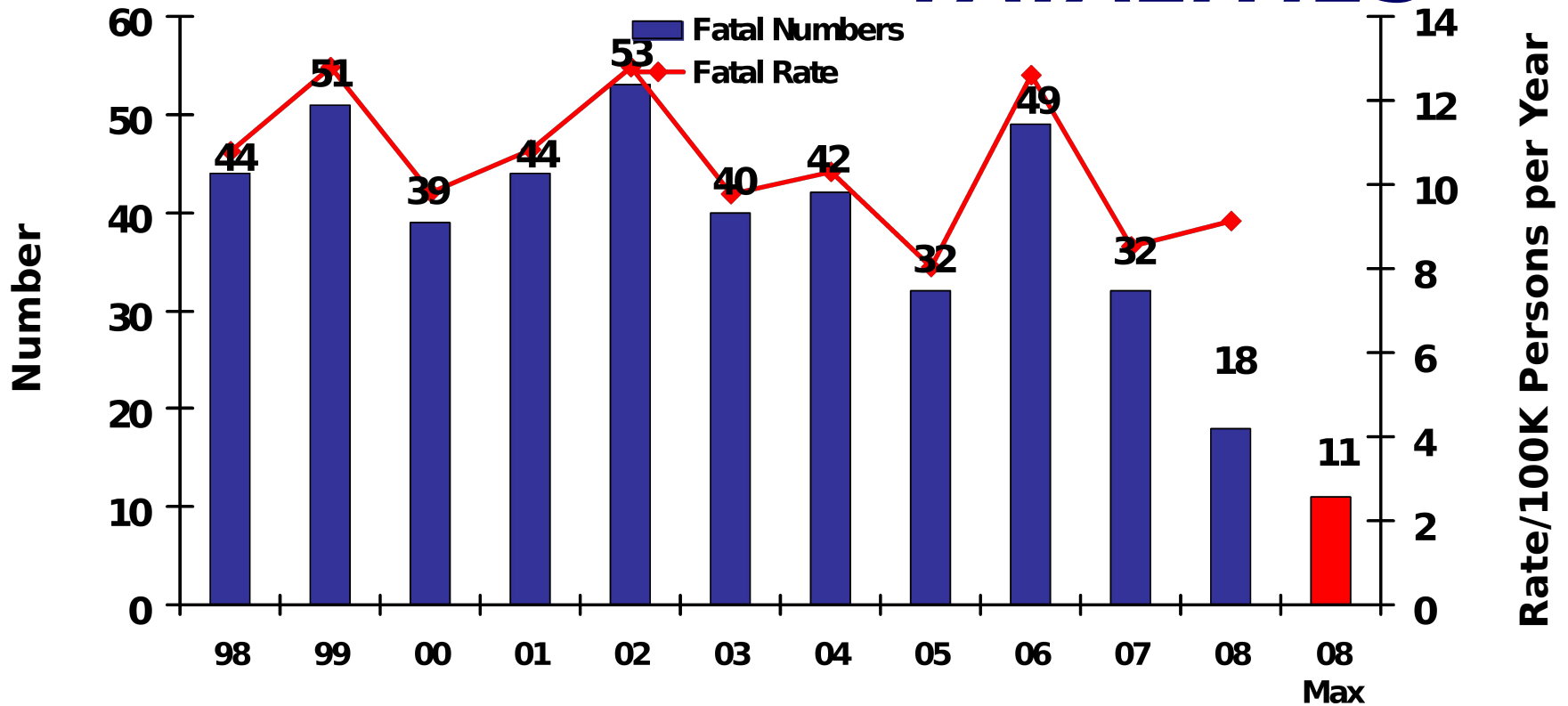
12.31

FY07 FATALITIES/FATALITY RATE: 51 / 13.60

10 YEAR AVERAGE (FY08-07) FATALITIES/FATALITY RATE: 64.3 / 16.06



4-WHEEL PMV FATALITIES



*pedestrian fatalities not included

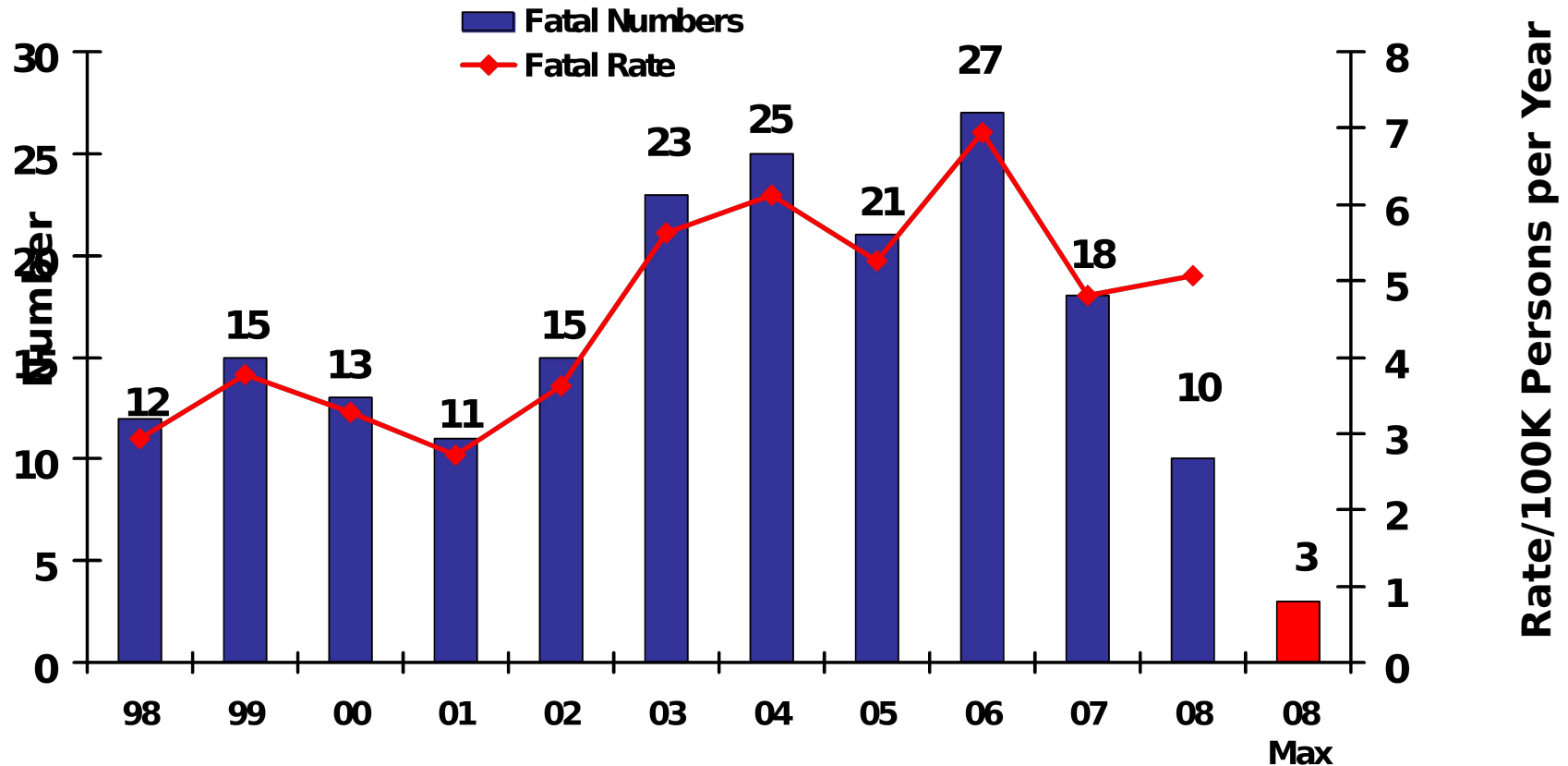
0 Four-Wheel Fatality during this reporting period **15 Apr 08** **15**
18 Apr
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 18 / 9.12 15 / 7.38
RATE: 32 / 8.53
10 YEAR AVERAGE (FY98-07) FATALITIES/FATALITY RATE: 42.6 / 10.64

Hold on Video





MOTORCYCLE PMV FATALITIES



0 Motorcycle Fatalities during this reporting period 12 Apr 08 15

Apr 07 Apr - 18 Apr

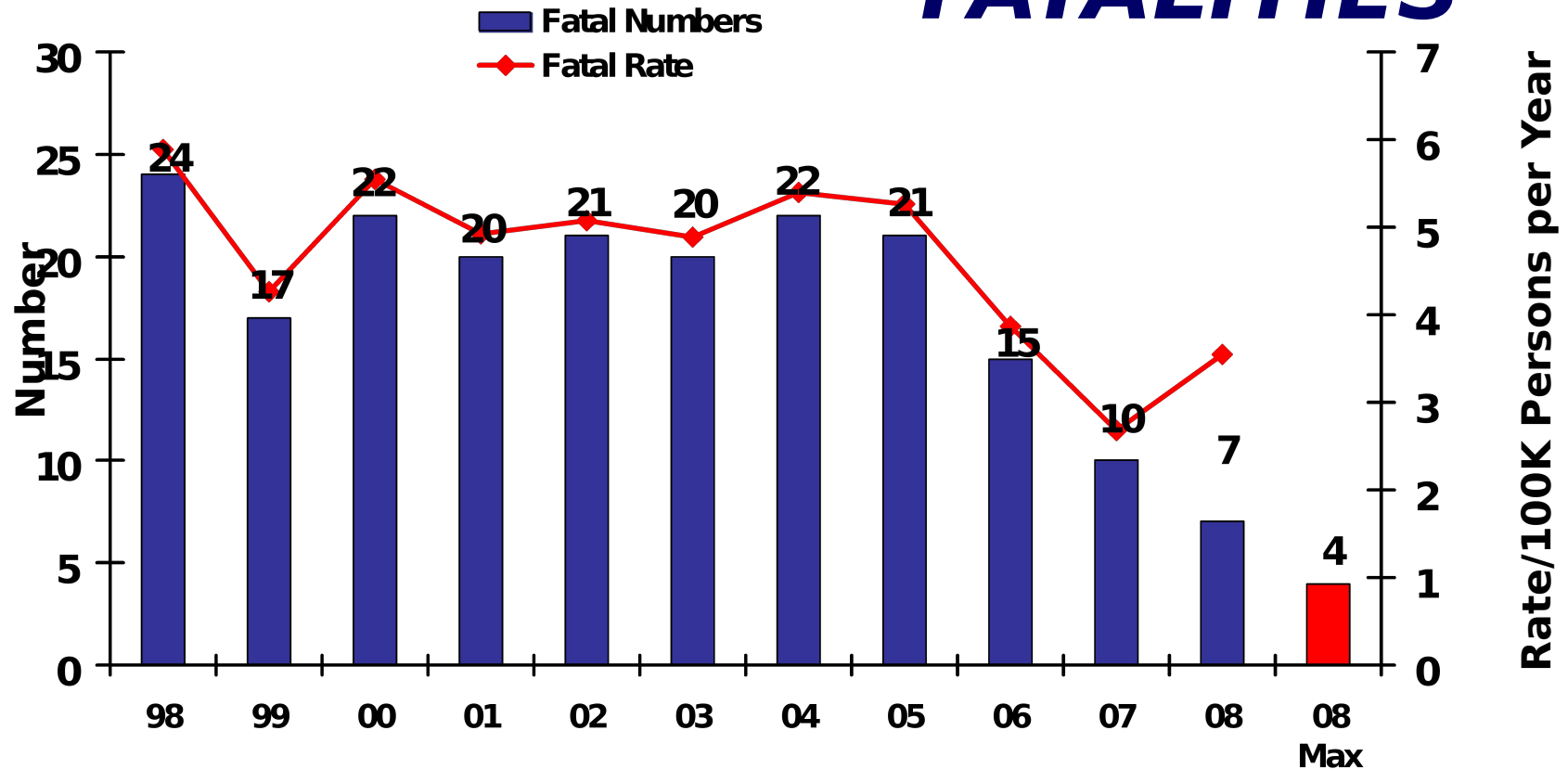
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 10 / 5.07 10 / 4.92
FY07

FATALITIES/FATALITY RATE: 18 / 4.80

10 YEAR AVERAGE (FY08-07) FATALITIES/FATALITY RATE: 18.0 / 4.50



OFF-DUTY/REC FATALITIES



0 Off-duty/Rec Fatalities during this reporting period

Apr 07 **Apr - 18 Apr**

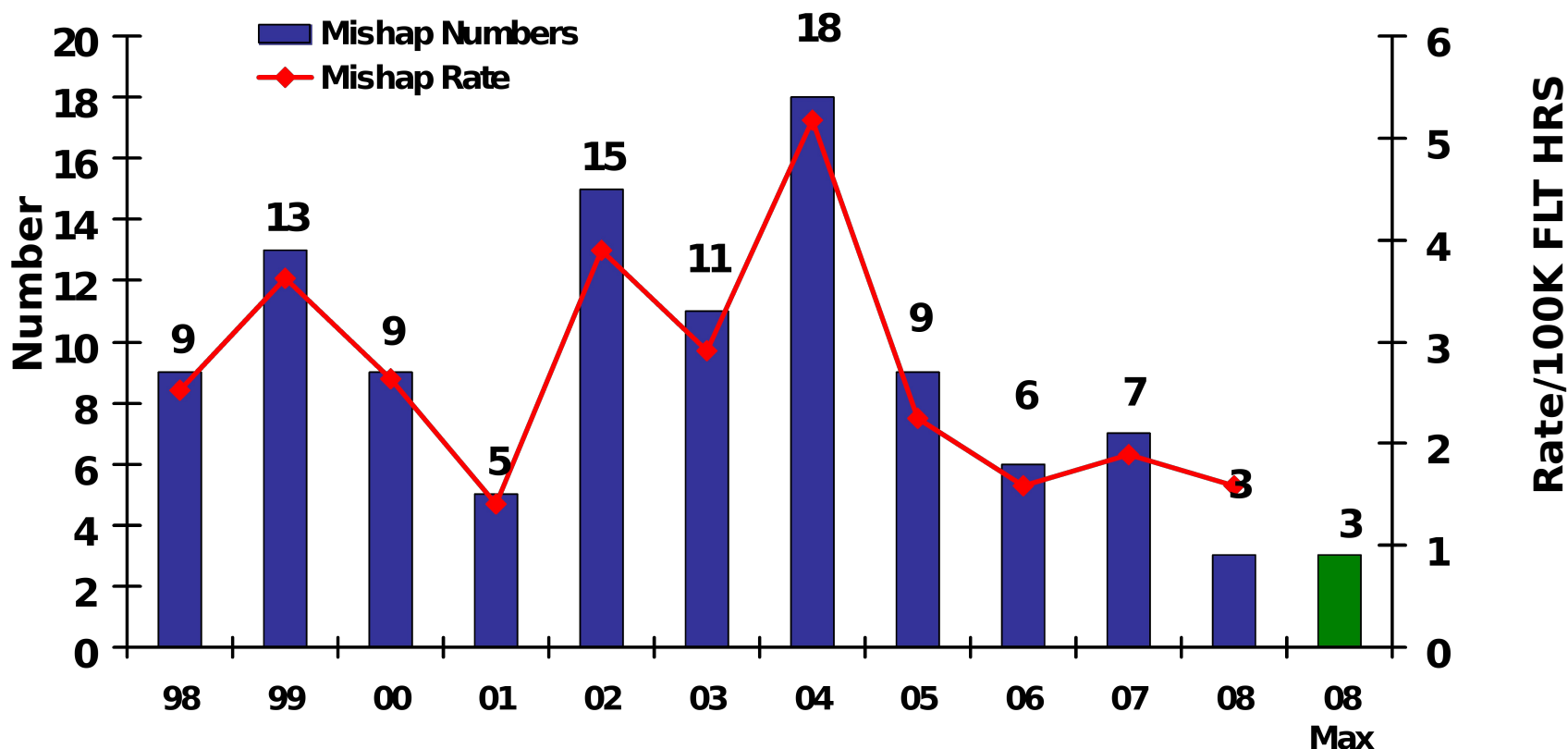
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: **7 / 3.55** **3 / 1.48**

RATE: 10 / 2.67

10 YEAR AVERAGE (FY98-07) FATALITIES/FATALITY RATE: 19.3 / 4.80



CLASS A FLIGHT MISHAPS



0 Class A Flight Mishaps during this reporting period 12 15

Apr 07 Apr - 18 Apr

CLASS A FM/FM RATE FY COMPARISON: 3 / 1.59

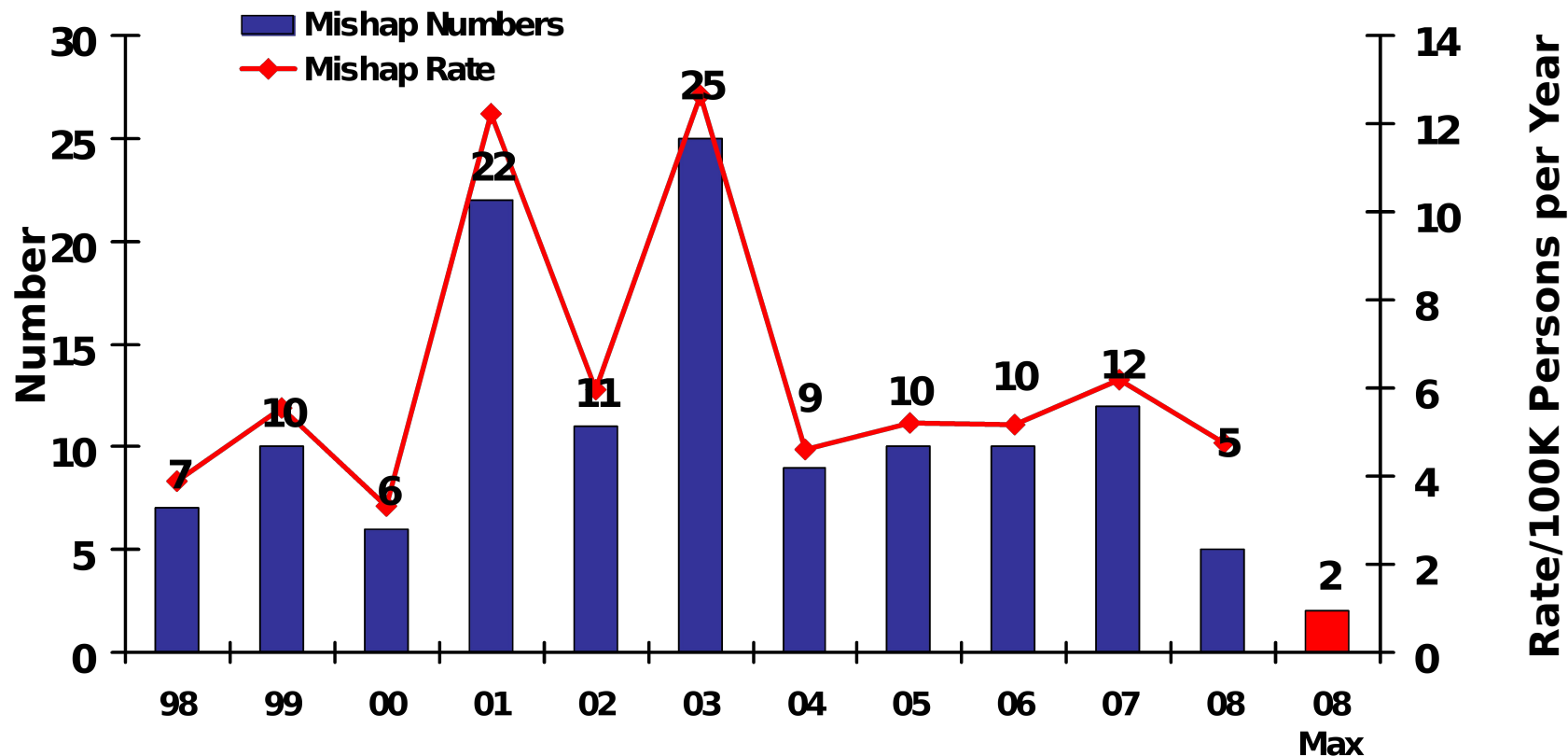
5 / 2.55

FY07 MISHAPS/MISHAP RATE: 7 / 1.90

10-YEAR AVERAGE (FY98-07) MISHAPS/MISHAP RATE: 10.2 / 2.78



CLASS A GROUND OPER MISHAPS



*Includes PT fatalities

0 Class A Ground Operational Mishaps during this reporting period **1215**
Apr 07 - 18 Apr **15 Apr 08**

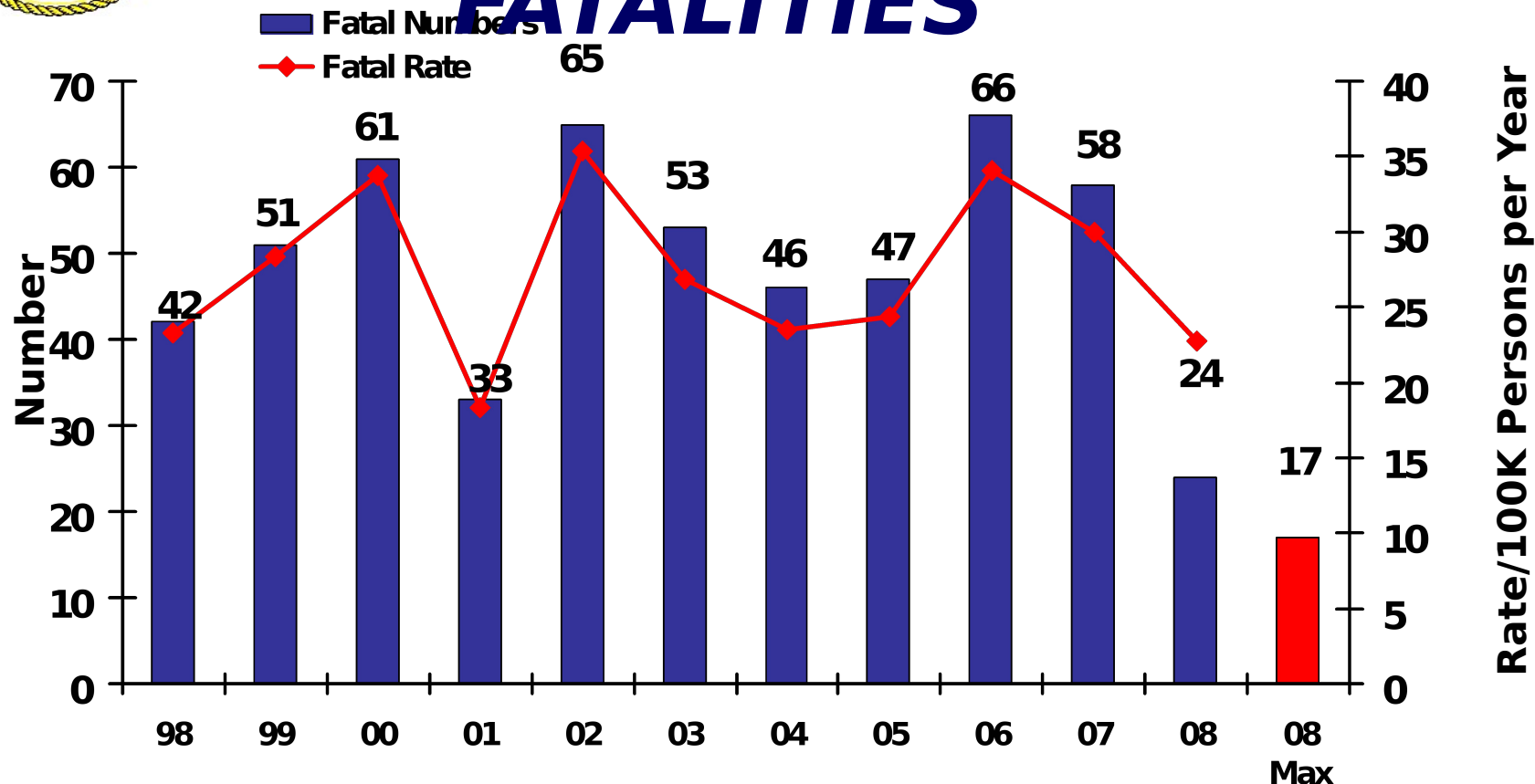
CLASS A MISHAPS/MISHAP RATE FY COMPARISON: **5 / 4.74**
5 / 4.77 **FY07**

MISHAPS/MISHAP RATE: **12 / 6.20**

10-YEAR AVERAGE (FY98-07) MISHAPS/MISHAP RATE: **12.2 / 6.48**



PMV FATALITIES



0 PMV Fatalities during this reporting period 12 Apr 08 15

Apr 07 18 Apr

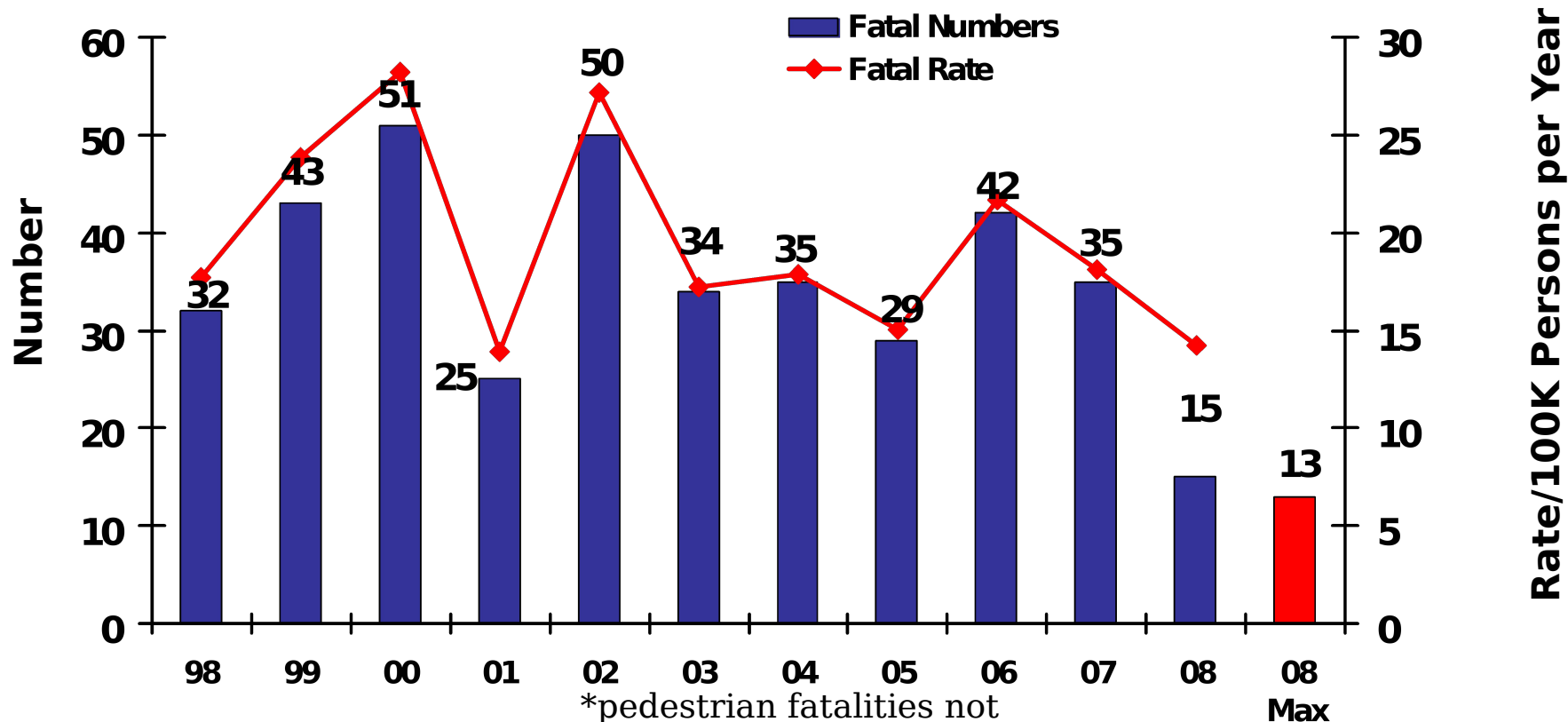
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 24 / 22.76 25 / 23.84
FY07 FATALITIES/FATALITY

RATE: 58 / 29.96

10 YEAR AVERAGE (FY08-07) FATALITIES/FATALITY RATE: 52.3 / 27.79



4-WHEEL PMV FATALITIES



0 Four-Wheel Fatalities during this reporting period **15 Apr 08** **15**
Apr 07 - 18 Apr

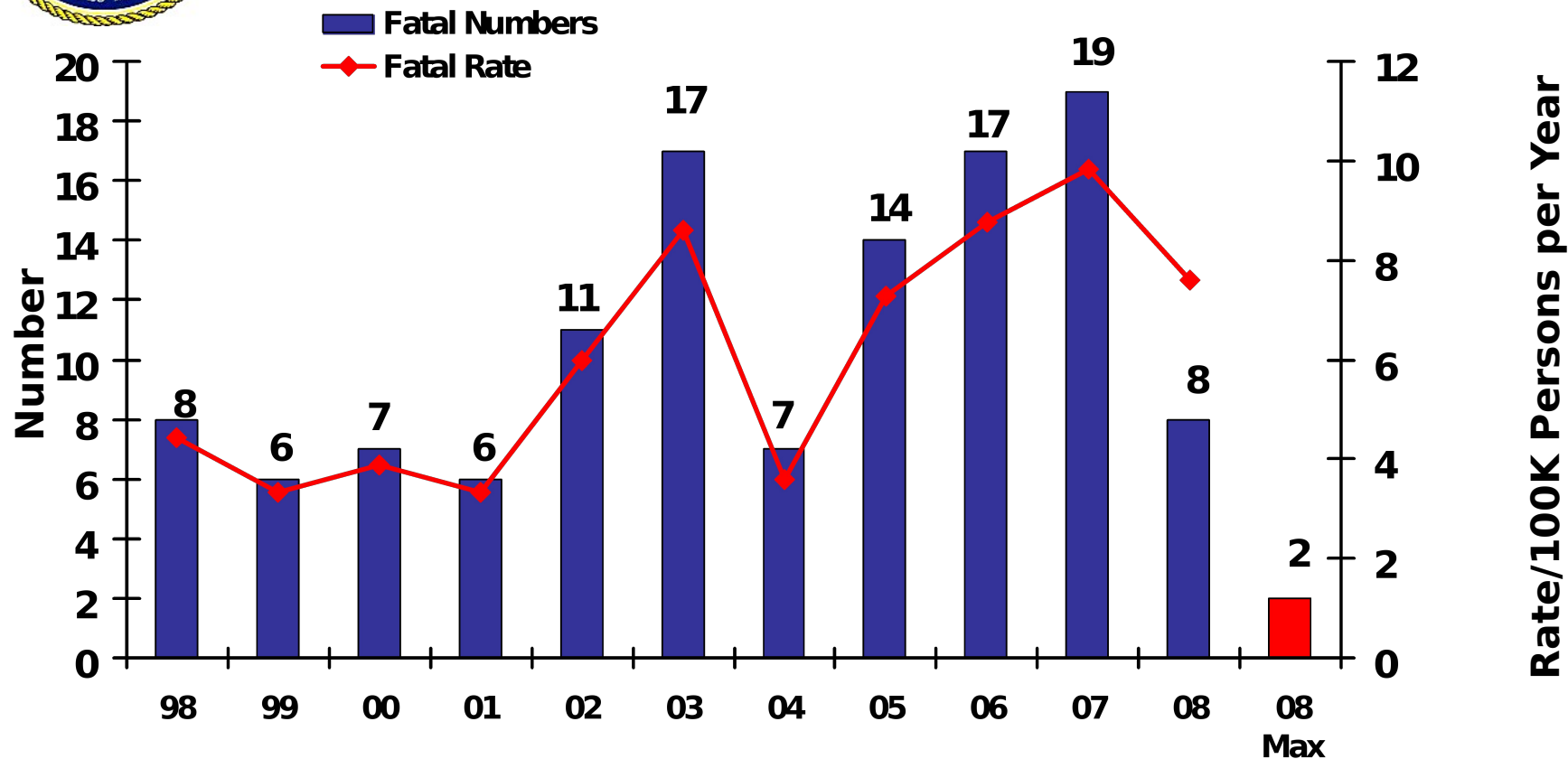
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: **15 / 14.22**
20 / 19.07 **FY07**

FATALITIES/FATALITY RATE: **35 / 18.08**

10 YEAR AVERAGE (FY08-07) FATALITIES/FATALITY RATE: **37.6 / 20.02**



MOTORCYCLE PMV FATALITIES



0 Motorcycle Fatalities during this reporting period 12 15

Apr 07 Apr - 18 Apr

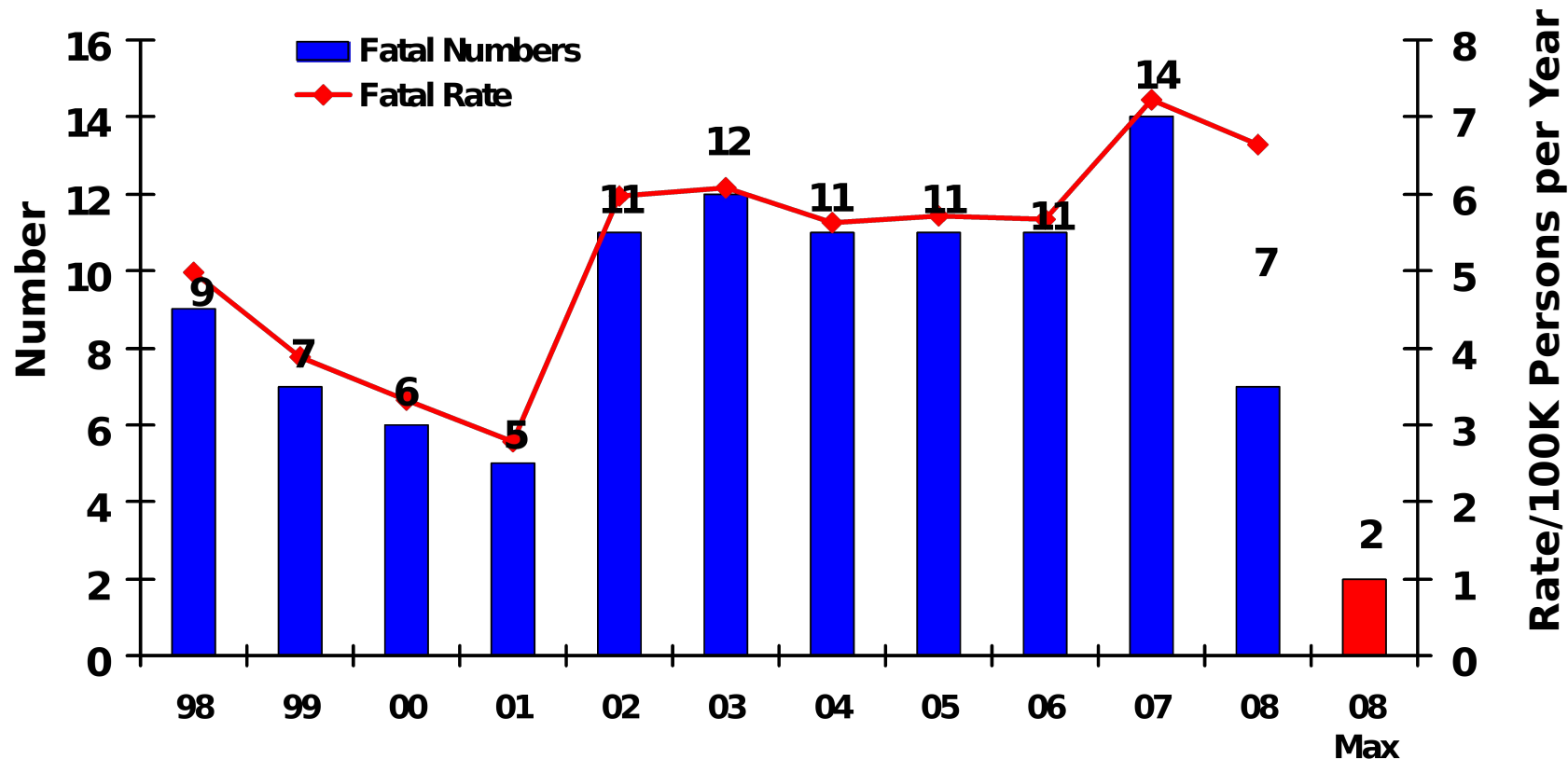
CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 8 / 7.59 3 /
2.86 FY07

FATALITIES/FATALITY RATE: 19 / 9.82

10 YEAR AVERAGE (FY08-07) FATALITIES/FATALITY RATE: 11.2 / 5.96



OFF-DUTY/REC FATALITIES



0 Off-duty/Rec Fatalities during this reporting period 12 Apr 15

Apr 07 - 18 Apr

CLASS A FATALITIES/FATALITY RATE FY COMPARISON: 7 / 6.64 7 / 6.68
10 YEAR AVERAGE (FY98-07) FATALITIES/FATALITY RATE: 9.7 / 5.16

10 YEAR AVERAGE (FY98-07) FATALITIES/FATALITY RATE: 9.7 / 5.16

ORM – A systematic process, not a program

3 Levels

In Depth

Long term process with extensive research and planning

Deliberate

Pre-mission planning, time available for planning, recorded on paper.

Time Critical

Little time, done on the run, applied to control hazards introduced by unexpected events and changes to the plan.

4 Principles

- ✓ Accept no unnecessary risk.
- ✓ Anticipate and manage risk by planning.
- ✓ Make risk decisions at the right level.
- ✓ Accept risks when benefits outweigh the costs.

5 Steps



ORM

Where we want to be...



We will manage risk to operate by following a standardized and institutionalized common model of ORM application and assessment across the fleet.

Integrate risk management concepts across the fleet **as part of every decision** made and **every action** taken by every Sailor and DON Civilian employee – **on and off duty**

Issues

- Hazard Reporting
- Fatigue
- Critical Days of Summer



NSC Web Site

**NSC
Website:
Your
Valuable
Resource**

**www.safetycenter.
navy.mil**

Naval Safety Center Home Page - Microsoft Internet Explorer provided by NMCI

Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Copy Paste

Address: http://www.safetycenter.navy.mil/ Go Links



Naval Safety Center

Work, Play, Live ... Safely!

April 8, 2008

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Resources

- » Executive Summary
- » Hearing Conservation Toolbox
- » POD Notes, Slogans
- » Presentations
- » Safety Toolbox
- » Statistics
- » Success Stories
- » Traffic Safety Toolbox
- » **TRIPS** (Travel Risk Planning System)



PVM Mishap Update

At 0030 on April 5, a PFC suffered fatal injuries in a wreck on Camp Pendleton, Calif. A PFC passenger was in stable condition at a local hospital.

[PMV Stats](#) | [PMV Narratives](#)



What's New

- » Naval Submarine Base Kings Bay Awarded Voluntary Protection Program Star Status
- » NHTSA Planners:
 - Share The Road 2008
 - 2008 Cinco de Mayo
- » April 30th is Distracted Driving Awareness Day (DDAD) in Virginia
- » "The Wonderful World of Transport"
- » VT-9 Pilots Save Aircraft (Video)
- » Preventing Hearing Loss -- Info from the N&MC Public Health Center

New Best Practices:

- * Stand-Down (OPM for



Questions

